

WHAT IS CLAIMED IS:

1. A Venetian blind, comprising a main body, a transmission mechanism, and a motorized drive mechanism, wherein:

the main body includes a headrail, a plurality of slats mounted on the headrail, and a roller rotatably mounted in the headrail and connected to the slats for lifting and lowering the slats by rotation of the roller;

the transmission mechanism is mounted on the main body and includes a shaft tube secured on the roller of the main body for rotating the roller of the main body, and a driven wheel secured on an end of the shaft tube for rotating the shaft tube; and

the motorized drive mechanism is mounted on the main body and includes a motor, a drive wheel mounted on and rotated by the motor, and a driving member mounted between the drive wheel and the driven wheel of the transmission mechanism so that the driven wheel of the transmission mechanism is rotated by the drive wheel of the motorized drive mechanism.

2. The Venetian blind in accordance with claim 1, wherein the transmission mechanism further includes a support mounted in the headrail of the main body, and the shaft tube is rotatably mounted in the support.

3. The Venetian blind in accordance with claim 1, wherein the motorized drive mechanism further includes an attachment bracket mounted on a side of the headrail of the main body, and the motor is mounted in the attachment bracket.

4. The Venetian blind in accordance with claim 3, wherein the attachment bracket of the motorized drive mechanism has a substantially U-shaped cross-section.

5. The Venetian blind in accordance with claim 3, wherein the attachment bracket of the motorized drive mechanism has a side formed with a hook hooked on the side of the headrail of the main body.

6. The Venetian blind in accordance with claim 1, wherein each of the drive wheel of the motorized drive mechanism and the driven wheel of the transmission mechanism is a toothed wheel, and the driving member of the motorized drive mechanism is an endless cord having a plurality of balls meshing with the drive wheel of the motorized drive mechanism and the driven wheel of the transmission mechanism.

7. The Venetian blind in accordance with claim 1, wherein the main body further includes a cover mounted on the transmission mechanism and the motorized drive mechanism to cover the drive wheel of the motorized drive mechanism and the driven wheel of the transmission mechanism.

8. The Venetian blind in accordance with claim 1, wherein the transmission mechanism further includes an endless lift cord removably mounted on the driven wheel, and an outer cover removably mounted on the support to cover the driven wheel.

9. The Venetian blind in accordance with claim 1, wherein the motorized drive mechanism and the transmission mechanism are integrally combined with each other.

10. The Venetian blind in accordance with claim 1, wherein each of
5 the drive wheel of the motorized drive mechanism and the driven wheel of the transmission mechanism is a sprocket, and the driving member of the motorized drive mechanism is an endless chain mounted between and meshing with the sprockets of the motorized drive mechanism and the transmission mechanism.

10 11. The Venetian blind in accordance with claim 1, wherein each of the drive wheel of the motorized drive mechanism and the driven wheel of the transmission mechanism is a belt wheel, and the driving member of the motorized drive mechanism is an endless belt mounted between and meshing with the belt wheels of the motorized drive mechanism and the transmission
15 mechanism.

12. The Venetian blind in accordance with claim 1, wherein each of the drive wheel of the motorized drive mechanism and the driven wheel of the transmission mechanism is a gear, and the driving member of the motorized drive mechanism is an endless toothed belt mounted between and meshing
20 with the gears of the motorized drive mechanism and the transmission mechanism.